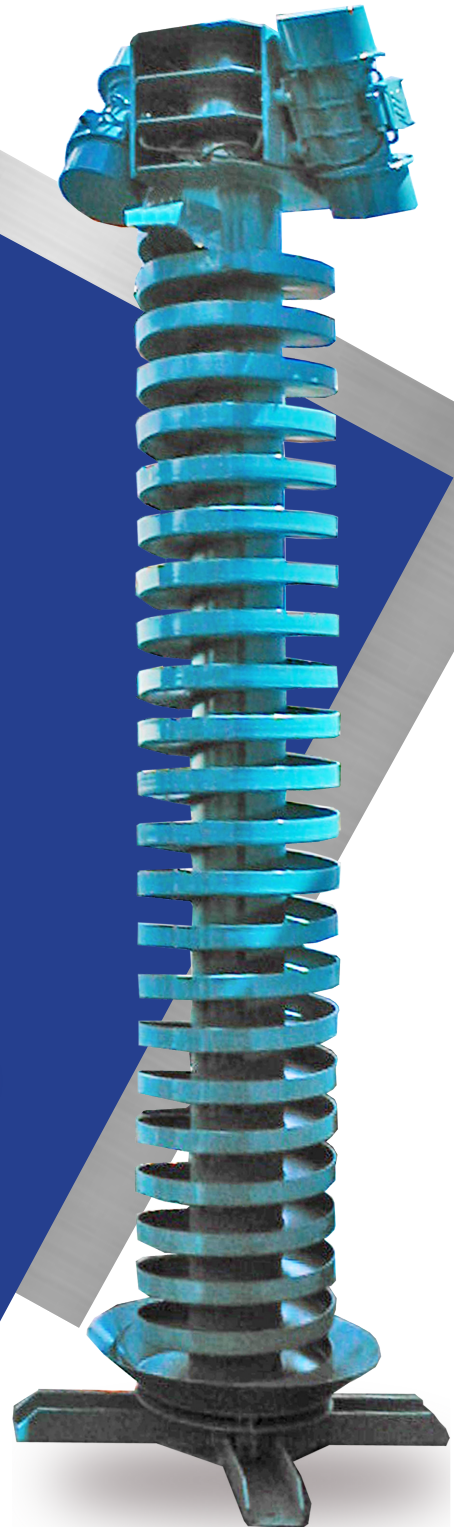
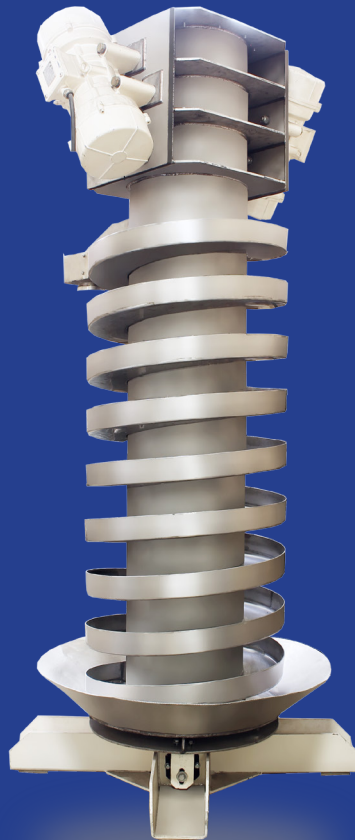


VIBRA SCREW

VIBRATING SPIRAL CONVEYORS



Vibra Screw® Inc.

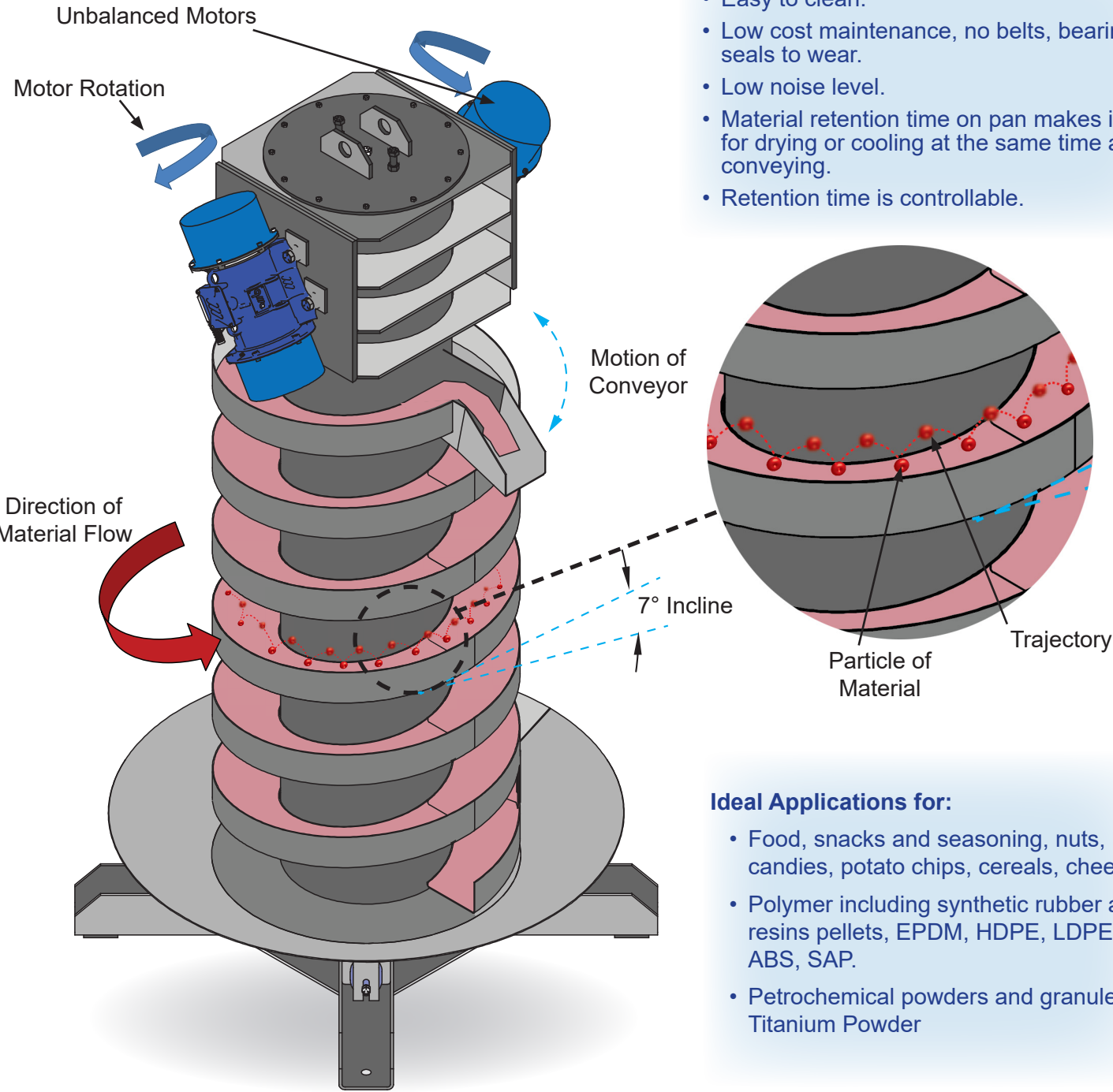
Spiral Conveyors

Special spiral elevating conveyors lift materials vertically up to 20 ft (or more) within a very small horizontal area. All vibrating feeder/conveyors are well suited to batching applications due to their characteristic quick cut-off of material flow.

They may be totally enclosed, with doubled conveying windings for the cooling or heating during the elevation process, circulating hot or cold air, hot or cold water. The vibratory drive produces long term operation with less maintenance than similar equipment.

Advantages of Spiral Conveyors

- Minimized installation area.
- Easy to clean.
- Low cost maintenance, no belts, bearings or seals to wear.
- Low noise level.
- Material retention time on pan makes it ideal for drying or cooling at the same time as conveying.
- Retention time is controllable.



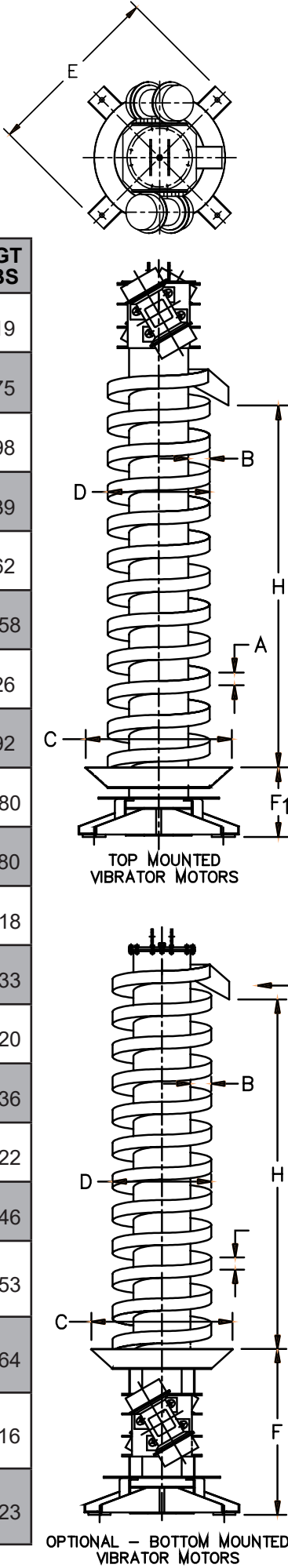
Ideal Applications for:

- Food, snacks and seasoning, nuts, candies, potato chips, cereals, cheese
- Polymer including synthetic rubber and resins pellets, EPDM, HDPE, LDPE, ABS, SAP.
- Petrochemical powders and granules, Titanium Powder

A vibrating drive (electromechanical motors with adjustable eccentric weights) accelerates spiral trough structure in the jump direction, gently moving the bulk material forward in tiny jumps (exaggerated in the diagram). The transport process is determined by the frequency and amplitude of vibration (produced by the motors), the angle of impact and the trough inclination. The drive system is selected on the basis of the conveying length, convey rate, the material handling characteristics and any additional functions.

SPIRAL ELEVATING CONVEYORS

MODEL	RATE FT³/HR	"H"	"D"	"A"	"B"	"C"	"E"	"F"	"F1"	"J"	WGT LBS
WF1000/340-U4X	67	40	14	2	2 11/16	21	32	22	13	4	419
WF1500/340-U4X	67	60	14	2	2 11/16	21	32	22	13	4	475
WF2500/340-U4X	67	99	14	2	2 11/16	21	32	22	13	4	598
WF3000/340-U6X	67	118	14	2	2 11/16	21	32	22	13	4	639
WF3500/340-U6X	67	138	14	2	2 11/16	21	32	22	13	4	662
WF5000/340-U11X	67	197	14	2	2 11/16	21	32	25	13	4	1058
WF1500/560-U10X	141	60	22	3	4 5/8	32	43 3/8	30	15	5	926
WF2000/560-U10X	141	79	22	3	4 5/8	32	43 3/8	30	15	5	992
WF2500/560-U10X	141	99	22	3	4 5/8	32	43 3/8	30	15	5	1080
WF3000/560-U10X	141	118	22	3	4 5/8	32	43 3/8	30	15	5	1180
WF5000/560-U11X	141	197	27	3	4 5/8	32	43 3/8	35	15	5	1918
WF2000/680-U16W	247	79	27	4	7 1/8	38	47 1/4	35	15	6	1433
WF3000/680-U18W	247	118	27	4	7 1/8	38	47 1/4	35	15	6	1720
WF5000/680-U18W	282	197	27	4	7 1/8	38	47 1/4	38	15	6	2536
WF6000/680-U18W	282	237	27	4	7 1/8	38	47 1/4	38	15	6	2822
WF2000/900-U35W	459	79	35	5	7 1/2	44	52	45	18	9	2646
WF 3000/900-U35W	459	118	35	5	7 1/2	44	52	45	18	9	3153
WF 5000/900-U53W	388	197	35	5	7 1/2	44	52	45	18	9	4564
WF 6000/900-U53W	388	237	35	5	7 1/2	44	52	45	18	9	5116
WF 7000/900-U53W	388	276	35	5	7 1/2	44	52	45	18	9	5623





The Vibra Screw Guarantee

No time limits. No conditions.

If your Vibra Screw equipment doesn't perform in the service for which it is sold, we'll refund your money. Ask any other equipment manufacturer to put that in writing.



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